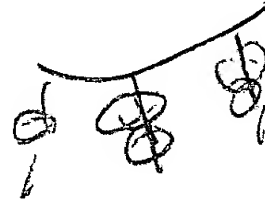
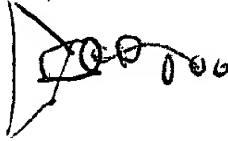


CLAIMS



I Claim:

1. A golf putter with a clubhead comprising a body having an upstanding striking face, a generally horizontal soleplate:

the improvement thereon comprising a support extending perpendicularly with respect to the striking face from the back side of said striking face and a weight member secured to said support, said weight member extending generally parallel to said striking face.

2. A golf putter as claimed in claim 1 wherein said support and weight member together are generally T-shaped.

3. A golf putter as claimed in claim 1 wherein the length of said weight member is approximately half the length of said striking face.

4. A golf putter as claimed in claim 1 wherein said weight member is generally cylindrical.

5. A golf putter as claimed in claim 1 wherein support is of such length that said weight member is displaced rearwardly from said striking face by an amount greater than the width of said soleplate.

6. A golf putter in accordance with claim 1 wherein said weight member is positioned by said support above and to the rear of the top surface of said striking surface portion.

fig 5

7. A golf putter as claimed in claim 1 wherein said body includes a bore through the center of said striking face and one end of said support is secured in said bore.

fig 3

8. A golf putter as claimed in claim 1 wherein said clubhead includes a chamber therein and a separate striking face member secured to said clubhead such that it closes said chamber,

fig 9

said support is secured to said striking face member and extends into said chamber, and

said weight member is secured to said support.

9. A golf putter as claimed in claim 5 wherein said striking face member includes a bore through its center and one end of said support is secured in said bore in a position to contact a golf ball when the ball is struck generally at the center of said striking surface..

fig 7

10. A golf putter as claimed in claim 1 wherein said striking face includes a top surface and a back surface extending from said soleplate to the top surface of said striking face and wherein said support extends from the top of said back side of said striking face.

Fig 5

11. A golf putter as claimed in claim 1 wherein said clubhead includes a bore extending therethrough and said support is secured in said bore.

*Fig 9-11
12-13*

12. A golf putter as claimed in claim 1 wherein said support is secured to said soleplate.

Fig 12-13

13. A golf putter as claimed in claim 1 wherein said weight member is centered to said support at the center of said weight member.

All Figs.

14. A golf putter having a clubhead with an upstanding striking face, a rear face, a shaft, and means for attaching said clubhead to said shaft, a support extending perpendicularly from the rear of said striking face, and an elongated weight member secured to said support and centered thereon, said weight member extending generally parallel to said striking face and being unsupported at its ends.

*Exclude
Fig 12-13*

15. A golf putter as claimed in claim 14 wherein said support and weight members are formed integrally with said clubhead.

Fig 5-6

16. A golf putter as claimed in claim 14 wherein said clubhead further comprises a separate striking face member secured to said clubhead, said clubhead includes a chamber behind said striking face member, said support is secured to the center of said striking face member and extends into said chamber, and said weight member is secured to said support inside of said chamber.

Fig 9-11

17. A golf putter as claimed in claim 16 wherein said weight member is formed of material having substantially greater density than the material of which the remainder of said clubhead is formed.

All Figs.

18. A golf putter as claimed in claim 16 wherein said striking face member includes a bore therethrough and one end of said support is secured in said bore and exposed at said striking face.

Fig 9-11

19. A golf putter in accordance with claim 16 wherein the chamber defined by said chamber is elongated horizontally and said weight member is horizontally elongated within said chamber.

Fig 9

20. A golf putter having a shaft, a clubhead with a striking face portion, a soleplate, and a hosel for attaching said clubhead to said shaft, said clubhead including rearwardly extending weighted portions at the toe and heel of said clubhead, and a recessed section at the back side of said clubhead not including said soleplate or said weighted portions, the improvement thereon comprising:

a support extending perpendicularly to said striking face; and

an elongated weight member secured to said support and centered thereon, said weight member extending generally parallel to said striking face.

*Excluded
fig 9-10*

21. A golf putter as claimed in claim 20 wherein said striking face portion includes a top surface and a rear surface, and said support extends from the top of said rear surface of said striking face portion.

Fig. 5-6

22. A golf putter as claimed in claim 20 wherein said clubhead striking surface portion includes a bore extending therethrough and said support is secured into said bore and exposed to said striking surface.

*figs. 1-4
5-6*

23. A golf putter as claimed in claim 22 wherein said support is welded in said bore.

fig. 1-6

24. A golf putter as claimed in claim 1 wherein said support and weight members are formed integrally with said clubhead.

fig 5-6

25. A golf putter as claimed in claim 16 wherein the length of said weight member is approximately half the length of said striking face.

Fig. 1-6

26. A golf putter as claimed in claim 20 wherein said weight member is generally cylindrical.

Fig. 1-6

27. A golf putter as claimed in claim 20 wherein said support is of such length that said weight member is displaced rearwardly from said striking face by an amount greater than the width of said soleplate.

Fig. 1-6

28. A golf putter as claimed in claim 14 wherein said clubhead includes a cavity behind said striking face open toward the rear of said clubhead, and said weight member is spaced from the bottom and sides of said cavity such that it is unsupported at its ends.

Fig. 9-11

29. A golf putter having a clubhead with an upstanding striking face, a rear face, a shaft, and means for attaching said shaft to said clubhead;

a cavity in said rear face having a bottom and a sidewall;

Fig. 9-11

a support member secured to said clubhead and extending into said cavity;

a weight member in said cavity secured to said support member and spaced from said bottom and sidewall of said cavity.

30. A golf putter as claimed in claim 29 wherein said weight member has a rear side and said rear side is substantially flush with the rear face of said clubhead.

31. A golf putter as claimed in claim 29 wherein said support member includes a collar which abuts against the bottom of said cavity and said weight member to space said weight member from said bottom.

32. A golf putter as claimed in claim 29 wherein said sidewall of said cavity defines an area slightly larger than the area of the rear side of said weight member.

add A5

Fig. 14-18
9-11
Fig. 14-18